

Amendments to the Specification:

Please rewrite the paragraph on page 13, line 24 – page 14, line 13 as follows:

In the yoke 32, the side to which the magnetic pole teeth 33 to 38 each are connected, namely, the side 32a on the opposite side of the rotor 2, is formed into an arc on the plan view. As illustrated in Fig. 4, the side 32a is formed into the arc of radius R2 with a point 39 as the center that is more distant from the stator 3 than the rotational center 21 of the rotor 2. The magnetic pole teeth 33 to 38 have base end centers 33f through 38f that are adjacent to the yoke 32 and front end centers 33g through 38g (also referred to as the circumferential central positions 33g through 38g) that are adjacent to the rotor 2. At the same time, base end centers 33f and 38f of the magnetic pole teeth 33 and 38 connected to this side 32a are each set at the positions of an equal distance from the rotational center 21. And, The base end centers 34f and 37f of the magnetic pole teeth 34 and 37 are each set at the positions of an equal distance from the rotational center 21. And, The base end centers 35f and 36f of the magnetic pole teeth 35 and 36 are each set at the positions of an equal distance from the rotational center 21. That is, the shape of the stator core 31 is formed in the line symmetry to the line L that passes through the rotational center 21 and the point 39.